

Procurement Quality Assurance

8/2009



Supplier Quality Overview



- Audits
- ASL
- Supplier Search



- Quality Clauses
- Rec. Insp. Plans
- Source Insp. Plans



- Source Inspection
- Rec. Inspection



- Supplier Rating System
- Corrective Action & Training
- Performance Information
- Supplier Quality Board
- PQA Supplier Awards

Scope

- PQA controls are applied to the purchase of JPL Critical Items (JCI)
- Procurement JCI is defined as:
 - Flight Hardware
 - Research and Development or Prototype with Flight potential
 - DSN JCI

Note: As per FPP Paragraph 5.14.6 and Rules Procedure: Use of the Approved Supplier List, Rev. 5)

Provide Qualified Supplier Base



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Provide *Qualified Supplier Base*



- Use of ASL Suppliers required for all JCI purchases
- Minimum Quality Management System standards to qualify for ASL:
 - ISO9001:2000 (Standard Business)
 - AS9100 (Aerospace)
 - AS9120 (Aerospace Distributors)
 - AS9003 (Aerospace Inspection & Test Quality System)
 - ISO17025:2005 (Calibration)
 - ISO13485:2003 (Medical)
 - ISO/TS 16949:2002 (Automotive)

Provide *Qualified Supplier Base*



- Methods used to verify minimum QMS standards for ASL are met:
 1. JPL Audit to verify compliance – 2 year approval
 - Audited to one of the approved standards
 - Typically a 2 day audit
 2. 3rd Party Reciprocity – accept certification by registered auditing firm
 - Accept registrars accredited by ANSI-ASQ National Accreditation Board (ANAB) and International Accreditation Forum (IAF)
 - <http://www.anab.org/> and <http://www.iaf.nu/>
- Once approved
 1. Supplier is placed on ASL with approved scope
 2. ASL maintenance reviews conducted monthly to identify suppliers coming up for renewal
 - Audit (compliant) or certification (registered) is used to recertify if business warrants – if business is insufficient supplier moves to Archive status

Accessing the ASL

Provide
Qualified
Supplier
Base

Inside JPL 2.0 - Microsoft Internet Explorer

Address: <http://kmnnav-005.jpl.nasa.gov/portal/dt>

Search JPL

Inside JPL

your portal to the JPL intranet

Tuesday, October 14, 2008

My Page Employee Center Work

Content Layout

User Information

Welcome!
Michael Kamrath

My Bookmarks

Access for Visitors to JPL
Desktop and Network Services
Welcome to Inside JPL
NASA Standards
JPL Rules
BOSS
Training

Jet Propulsion Laboratory
California Institute of Technology

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JPL HOME EARTH SOLAR SYSTEM STARS & GALAXIES TECHNOLOGY

Supplier Management System

Welcome to JPL's Supplier Management System. Please login to enter.

Login Username:

Password:

Login

Forgot your password? Click [here](#)

THE INFORMATION CONTAINED IN THIS DATABASE IS PROPRIETARY AND MAY BE EXPORT CONTROL INFORMATION. THIS INFORMATION SHALL ONLY BE ACCESSIBLE TO U.S. PERSONS, EMPLOYEES OR AUTHORIZED JPL CONTRACTORS WHO HAVE A NEED TO KNOW THIS INFORMATION. THIS INFORMATION IS RESTRICTED AND SHALL NOT BE DISTRIBUTED TO ANYONE OUTSIDE JPL FOR ANY PURPOSE. AUTHORIZED JPL CONTRACTORS ARE JPL TSEP PERSONNEL WHO MUST HAVE ACCESS TO THE INFORMATION IN THIS DATABASE TO PERFORM OBLIGATIONS UNDER THEIR CONTRACT AND WHO ARE CONTRACTUALLY OBLIGATED TO MAINTAIN THE CONFIDENTIALITY OF ANY DATA PROVIDED TO THEM FOR THE PURPOSE OF PERFORMING CONTRACT.

Site Content: JPL Procurement Quality
Site Developer: [Sandy Gutheinz](#) and [E...](#)
[Applications Development Group](#)
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1) Type ASL and hit "Enter"

2) Login using JPL username and password

Supplier Management System

Center: JPL User Type: Quality/Safety/Inspection

Search Form - ASL Suppliers

Supplier Info Search Form:

CAGE Code:

Supplier:

City: State:

Country:

Commodity Description:

ASL Status:

ASL Status Expiration Date (mm/dd/yyyy): From: To:

Overall Performance Rating:

Supplier's Quality Management System (QMS):

Submit Reset

3) Ready to search

ASL Supplier's Page



Jet Propulsion Laboratory
 California Institute of Technology

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[EARTH](#)
[SOLAR SYSTEM](#)
[STARS & GALAXIES](#)
[TECHNOLOGY](#)

Supplier Management System

Name: Michael Ramrath
 Center: JPL
 User Type: Center Administrator

[ASL Home](#)
[SRS Home](#)
[Search ASL Suppliers](#)
[Reports](#)
[Useful Links](#)
[User Profile](#)
[Manage Users](#)
[Manage Suppliers](#)
[Manage QMS Standards](#)
[Manage Audit Checklist](#)
[Upload Quality Data](#)

[Logout](#)

Supplier Information	Qualification Information
ABC Supplies 123 Adam St., Everywhere, CA Phone Web Site	ASL Status: Approved
	Expiration Date: Jun-09-2010
	Approval Scope: Electrical Discharge Machining (EDM): Wire EDM, CNC Sinker EDM, and Small Hole EDM.
	Quality Management System (QMS): ISO 9001/2000 Compliant
	Audit History: Open Audits (0) Closed Audits (3)

Performance Information

Quantitative Performance Ratings		
Product Quality	Delivery	Overall Performance Rating
96	73	87
View Detailed Report	View Detailed Report	View Detailed Report

Qualitative Performance Ratings		
Quality:	★★★★★	Comments (0)
Complexity:	★★★★★	Comments (0)
Customer Satisfaction:	★★★★★ (0) Click on a star to vote	Comments (0)

- [Corrective Action History \(0\)](#)
- [Problems \(0\)](#)
- [Supplier Trust and Recognition \(0\) - COMING SOON](#)
- [Supplier Watch List](#) (0 Active, 0 Closed)

Supplier Name and Contact Info

Approval Status

Scope

QMS

Audit History

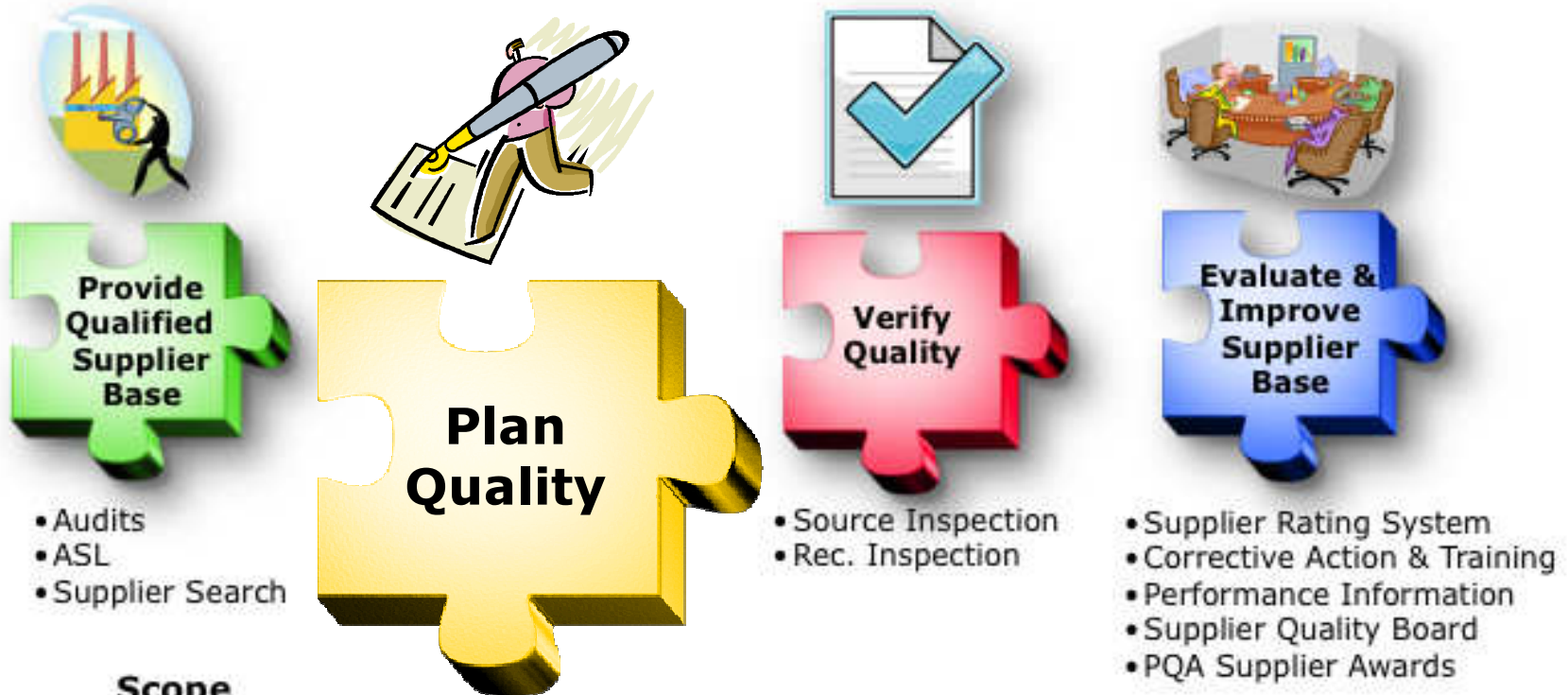
Rating Information

CA and Issues

Awards

Plan

Supplier Quality



Scope

- PQA controls the purchase of JPL Critical Items (JCI)
- Procurement items:
 - Quality Clauses
 - Rec. Insp. Plans
 - Source Insp. Plans
- Flight hardware
- Research and Development or Prototype with Flight potential
- DSN JCI

Plan

Supplier Quality Requirements

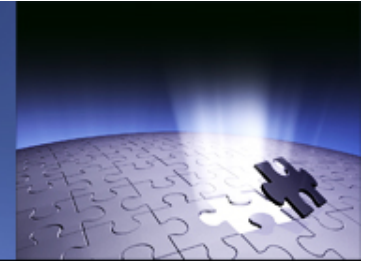


Process Overview

- Specify Quality Clauses and Inspection Plans for contracts
 - PRs / POs and P-Card Orders
- Clauses are standard aerospace requirements
 - Certificates of Conformance
 - Material Test Reports
 - Functional Testing
 - Source Inspections (MIPs)
- Important to read and follow Quality Clause
- Standard Receiving Inspection Plans used upon receipt at JPL
 - All JCI must come through R.I.

Verify

Supplier Quality Requirements



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- PQA controls are applied to the procurement of physical items (JCI)
- Procurement JCI is defined as:
 - Source Inspection
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Verify

Supplier Quality Requirements



Source and Receiving Inspection

- Performed using Receiving or Source Inspection Plans
- Source Inspection requires at least 3 days notice
- Inspection results documented on IR and certifications attached
 - This information goes into the ASL and Supplier Rating System
- Note: Final Source Inspection does not account for Receiving Inspection

Evaluate & Improve Supplier Performance



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Evaluate & Improve Supplier Performance

Evaluate & Improve Supplier Base

Basic Approach

